

Amendments to the Claims:

This listing of claims will replace all prior versions and listings of claims in this application:

CLAIMS

1-2. (Canceled).

3. (Previously Canceled).

4-10. (Canceled).

11. (Previously Canceled).

12-21. (Canceled).

22. (Presently Amended). A method of improving ventricular wall motion of the heart of an individual, comprising:

administering to said individual autologous or allogeneic mesenchymal stem cells, wherein said mesenchymal stem cells are administered ~~[[into]]~~ in an amount effective to improve ventricular wall motion of the heart of said individual.

23. (Previously Presented). The method of Claim 22 wherein said mesenchymal stem cells are administered directly to at least one damaged portion of heart tissue.

24. (Previously Presented). The method of Claim 23 wherein the mesenchymal stem cells are administered by injection.

25. (Previously Presented). The method of Claim 24 wherein the mesenchymal stem cells are administered in a pharmaceutically acceptable liquid injectable carrier.

26. (Previously Presented). The method of Claim 23 wherein the mesenchymal stem cells are administered during an open surgical procedure.

27. (Previously Presented). The method of Claim 26 wherein said mesenchymal stem cells are administered by injection.

28. (Previously Presented). The method of Claim 22 wherein the mesenchymal cells are administered intravenously.